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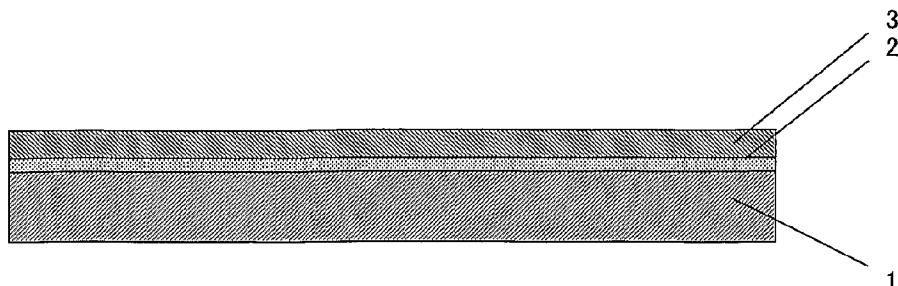
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(54) Title: METAL BASE CIRCUIT SUBSTRATE FOR AN OPTICAL DEVICE AND METHOD MANUFACTURING THE AFOREMENTIONED SUBSTRATE



(57) **Abstract:** A metal base circuit substrate for an optical device, which effectively reflects the generated light and radiates heat from the substrate, comprises a metal base substrate made from aluminum or aluminum alloy that supports an electric circuit via an insulation layer, wherein the insulation layer is formed from a transparent cross-linked silicone body, and the electric circuit is formed directly on the insulation layer. And an efficient method for manufacturing the aforementioned substrate comprises the steps of: a) applying a cross-linkable silicone onto the surface of a metal base substrate made from aluminum or aluminum alloy, b) cross-link

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